Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
Data File : VY018759.D
Acq On : 10 Jul 2024 11:06
Operator : SY/MD
Sample : VY0710SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 11 02:19:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.777	168	75135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	133735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	119766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	39712	53.713	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.420%			
35) Dibromofluoromethane	7.704	113	40654	48.536	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.080%			
50) Toluene-d8	10.173	98	151490	47.738	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.480%			
62) 4-Bromofluorobenzene	12.477	95	47699	44.014	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.020%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	221	2.951	ug/l #	88
16) Acetone	3.954	43	502	3.683	ug/l #	36
20) Methylene Chloride	4.692	84	6682	4.099	ug/l #	88
31) Cyclohexane	7.783	56	1687	1.485	ug/l #	37
36) 1,1-Dichloropropene	7.777	75	6096	5.274	ug/l #	47
38) Carbon Tetrachloride	7.777	117	7655	5.498	ug/l #	17
51) 4-Methyl-2-Pentanone	10.173	43	661	1.354	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	26366	70.453	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26366	157.677	ug/l #	16

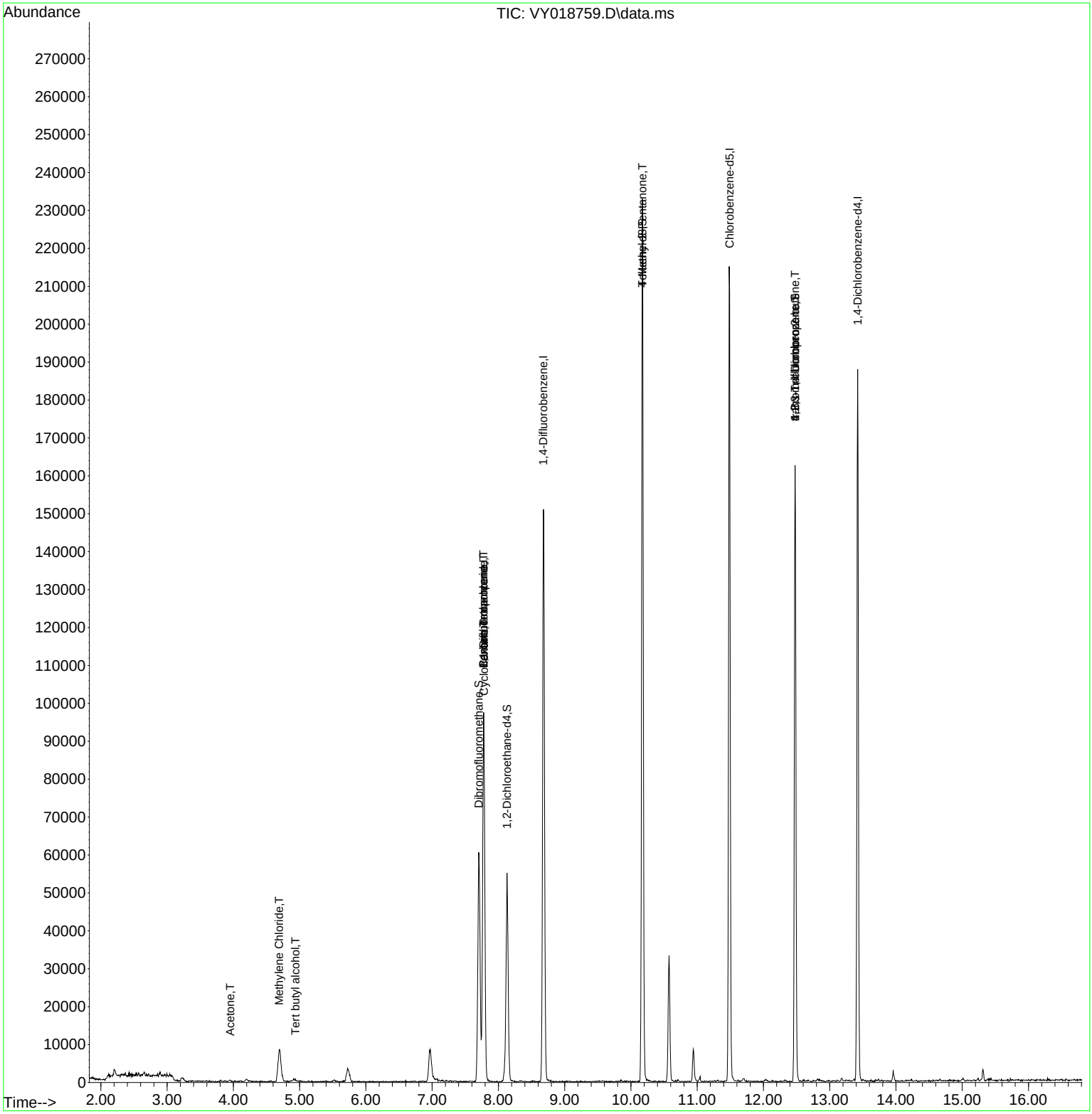
(#) = qualifier out of range (m) = manual integration (+) = signals summed

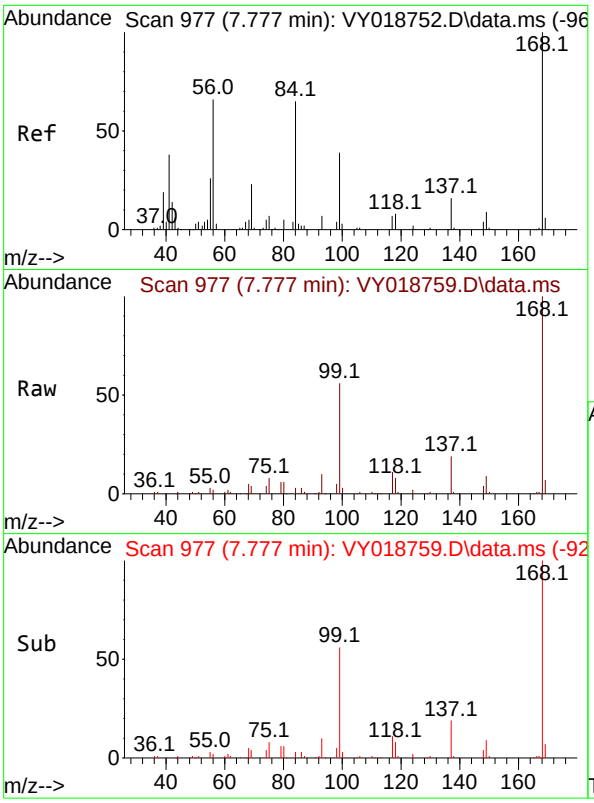
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
Data File : VY018759.D
Acq On : 10 Jul 2024 11:06
Operator : SY/MD
Sample : VY0710SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 11 02:19:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



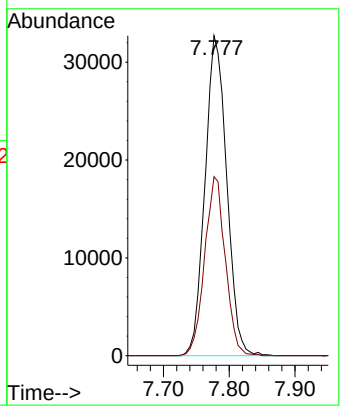


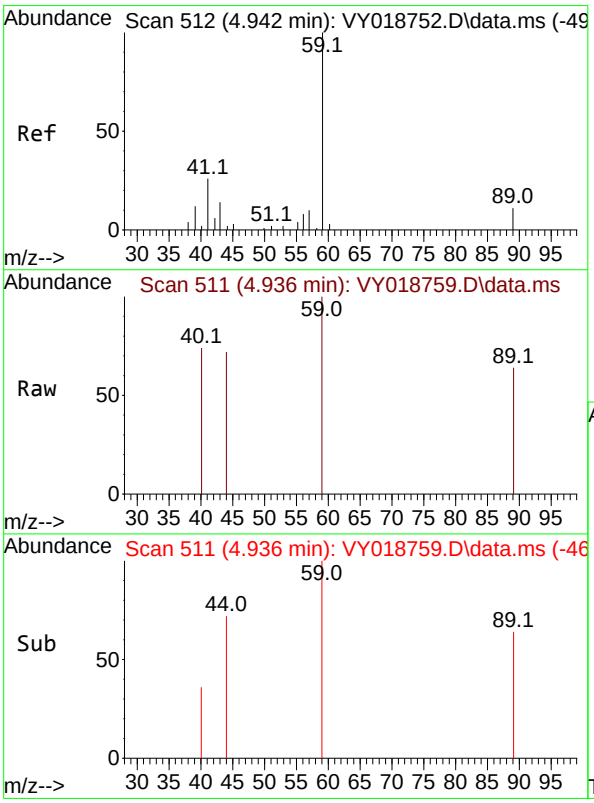
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 75135

Ion	Ratio	Lower	Upper
168	100		
99	56.0	39.1	58.7

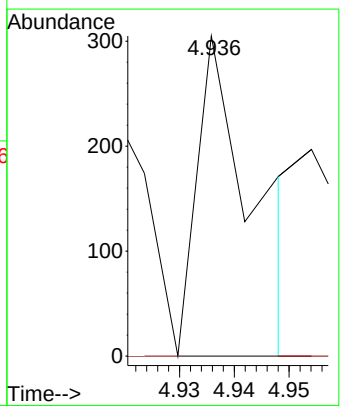


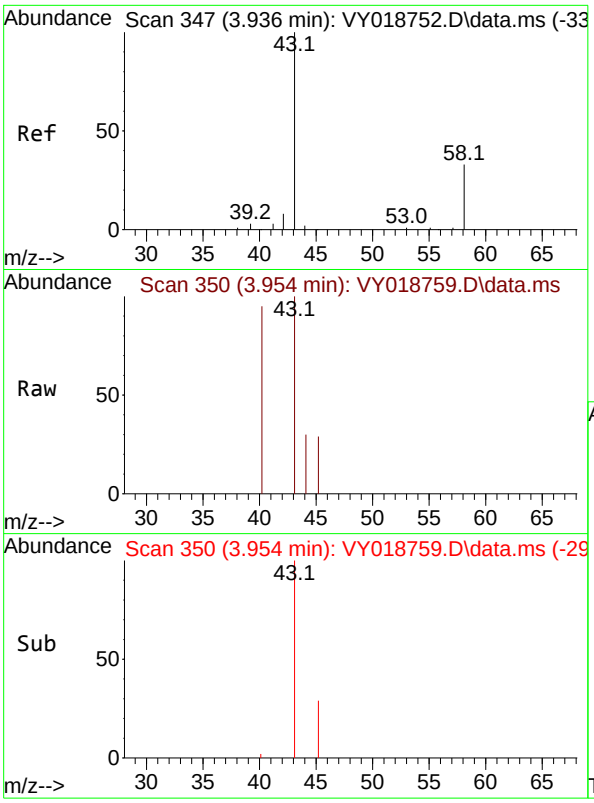


#11
Tert butyl alcohol
Concen: 2.951 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Tgt Ion: 59 Resp: 221

Ion	Ratio	Lower	Upper
59	100		
57	0.0	3.0	4.6#



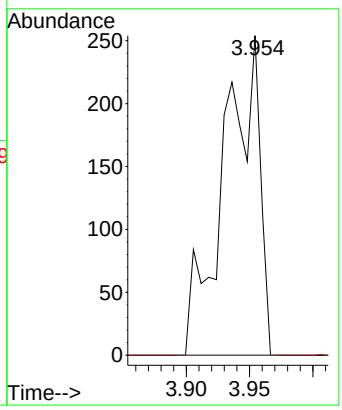


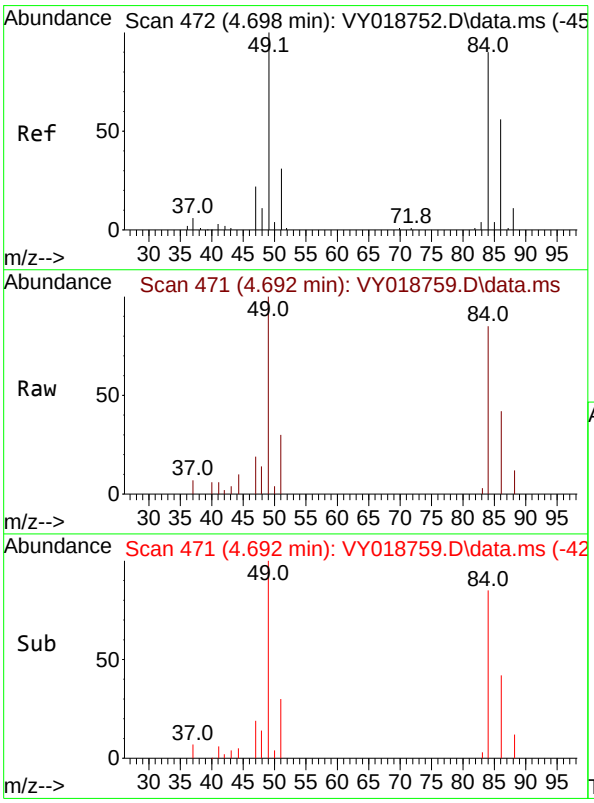
#16
Acetone
Concen: 3.683 ug/l
RT: 3.954 min Scan# 3
Delta R.T. 0.018 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 502

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.7	47.5#

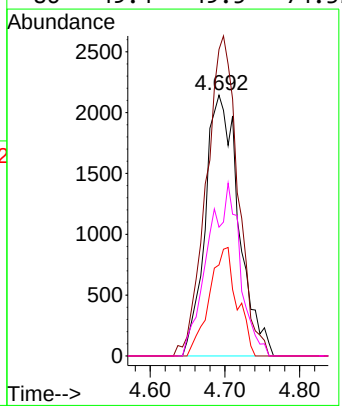


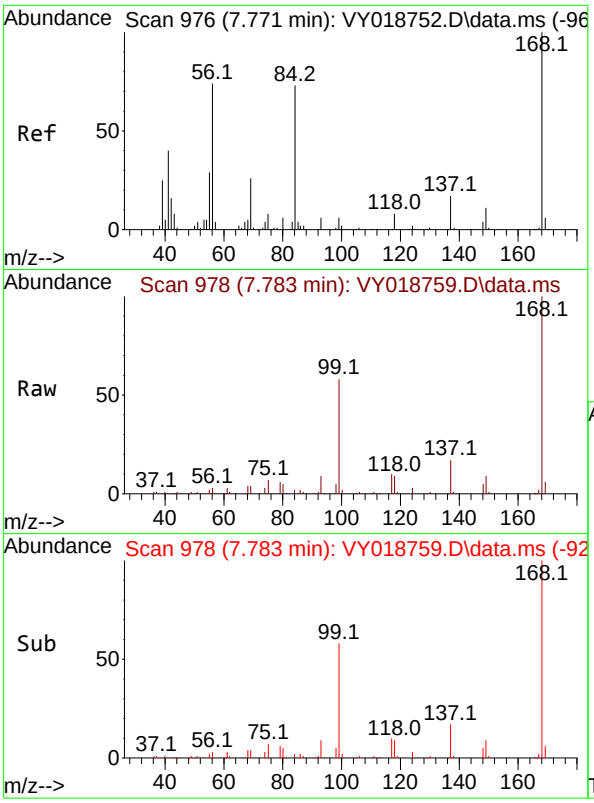


#20
Methylene Chloride
Concen: 4.099 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Tgt Ion: 84 Resp: 6682

Ion	Ratio	Lower	Upper
84	100		
49	117.5	84.4	126.6
51	34.9	26.0	39.0
86	49.4	49.5	74.3#



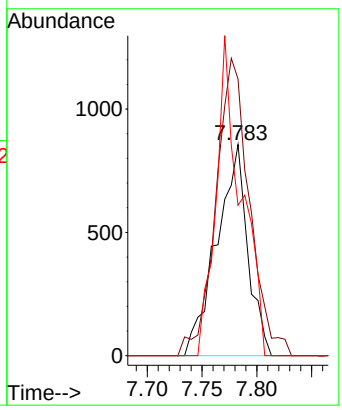


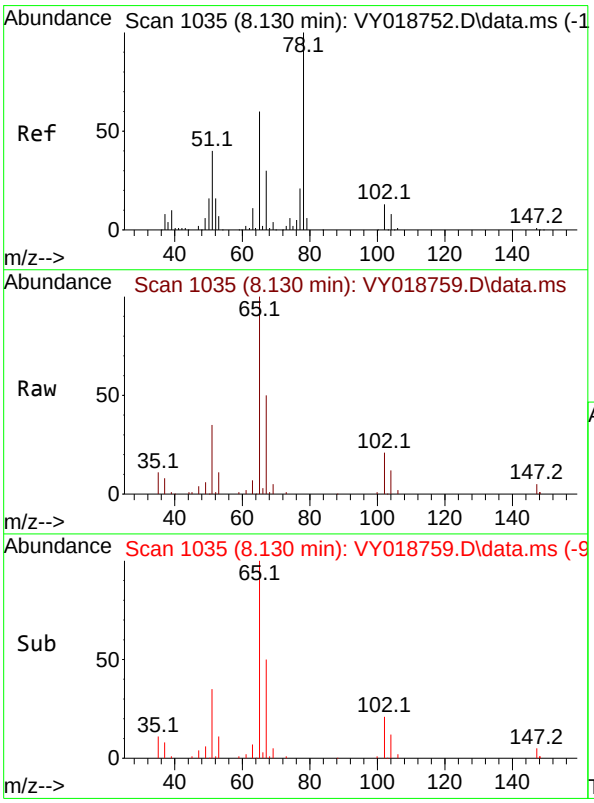
#31
Cyclohexane
Concen: 1.485 ug/l
RT: 7.783 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 1687

Ion	Ratio	Lower	Upper
56	100		
69	130.9	28.7	43.1#
84	71.2	77.7	116.5#

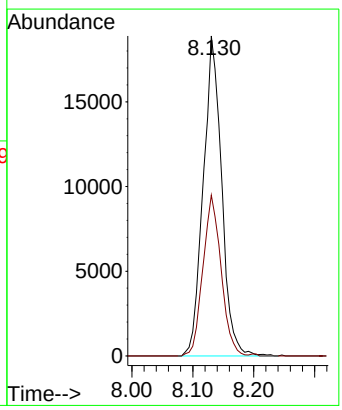


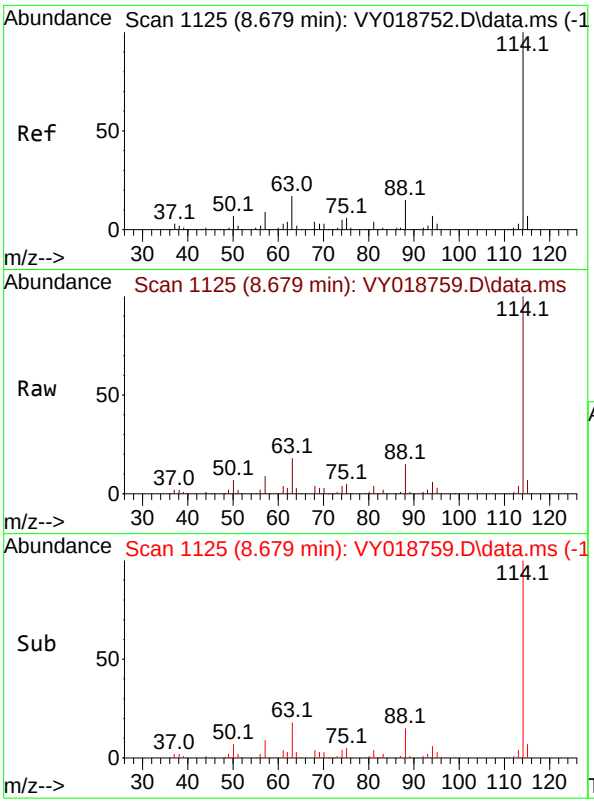


#33
1,2-Dichloroethane-d4
Concen: 53.713 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Tgt Ion: 65 Resp: 39712

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	109.6



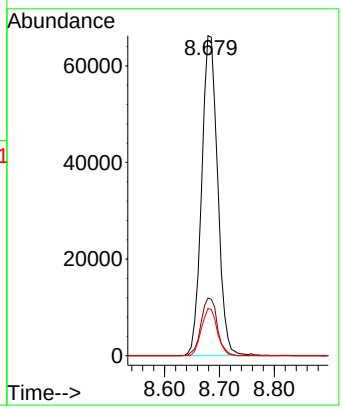


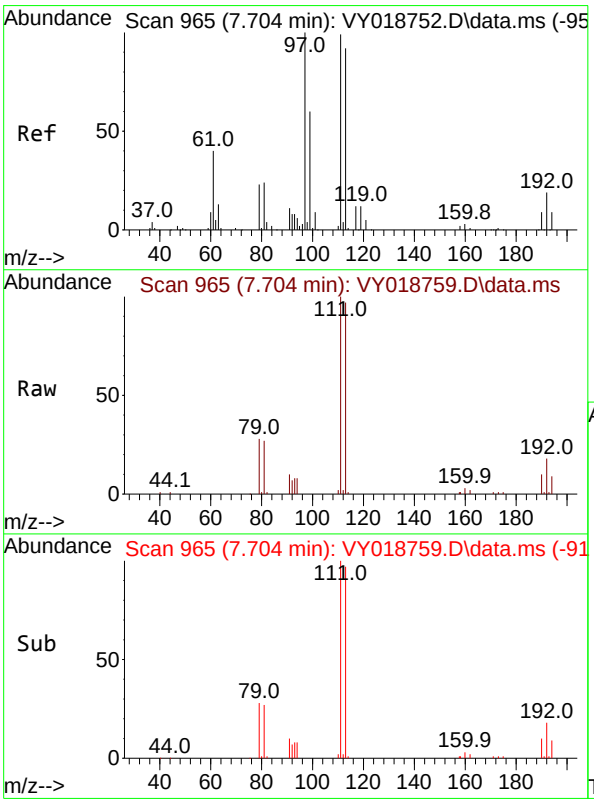
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 133735

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.0
88	14.8	0.0	27.2

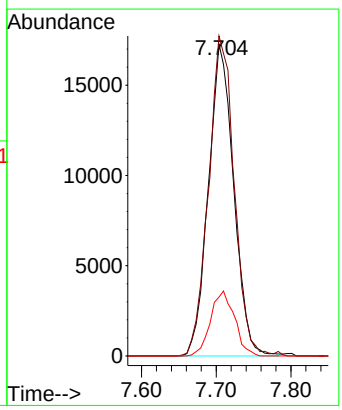


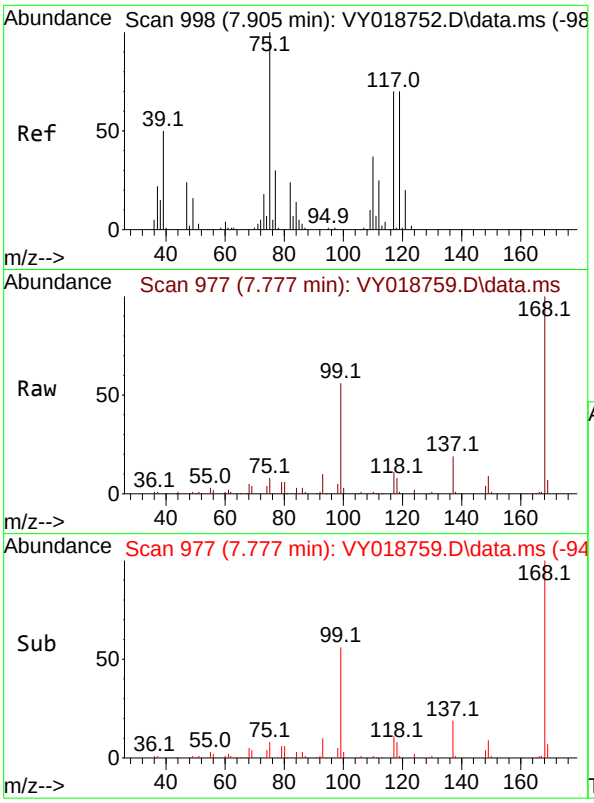


#35
Dibromofluoromethane
Concen: 48.536 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Tgt Ion:113 Resp: 40654

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.4
192	19.8	15.9	23.9



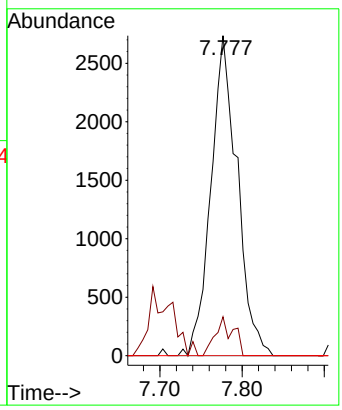


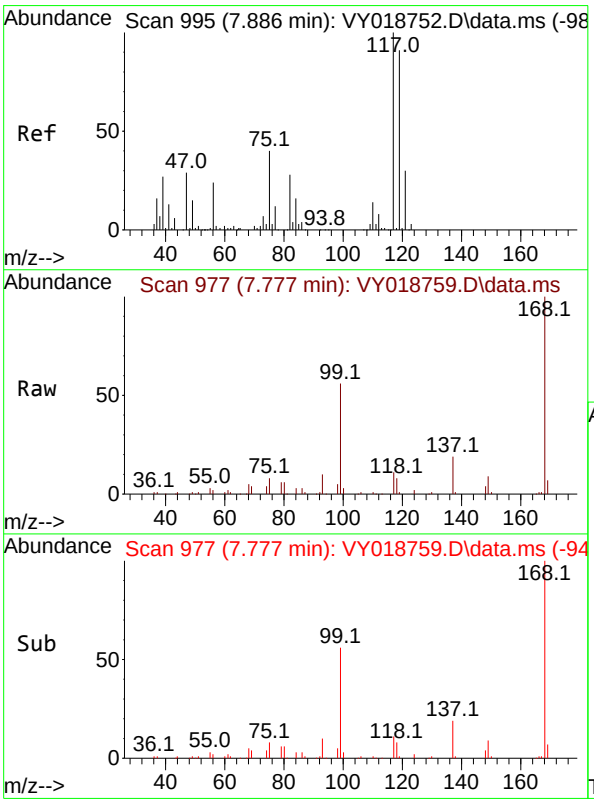
#36
1,1-Dichloropropene
Concen: 5.274 ug/l
RT: 7.777 min Scan# 9
Delta R.T. -0.128 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 6096

Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.0	57.0#
77	0.0	25.3	37.9#

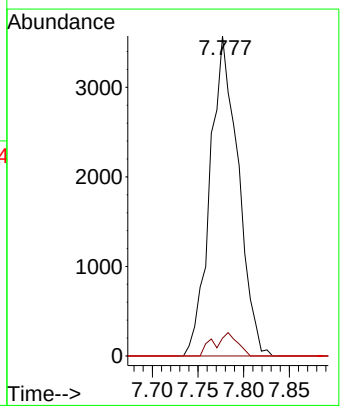


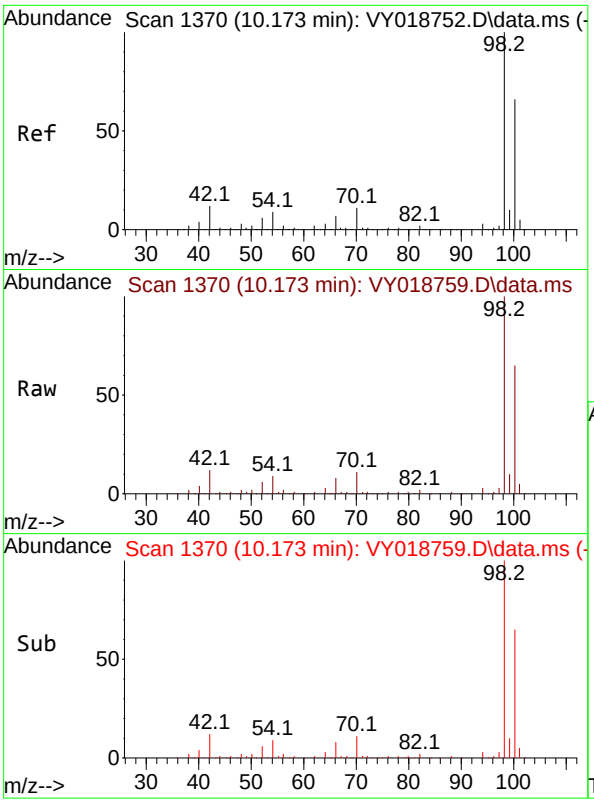


#38
Carbon Tetrachloride
Concen: 5.498 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.110 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Tgt Ion:117 Resp: 7655

Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.8	113.6#
121	0.0	24.0	36.0#



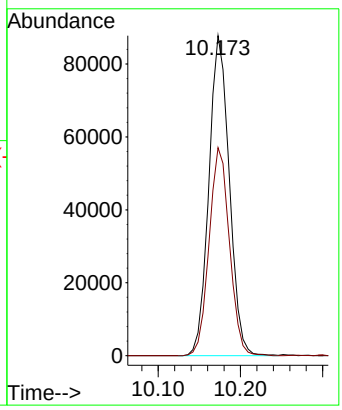


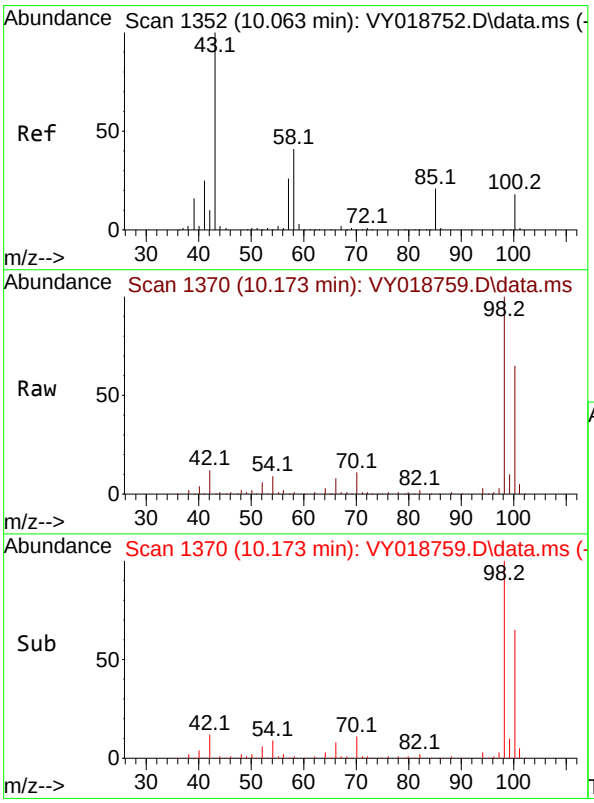
#50
Toluene-d8
Concen: 47.738 ug/l
RT: 10.173 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 151490

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0

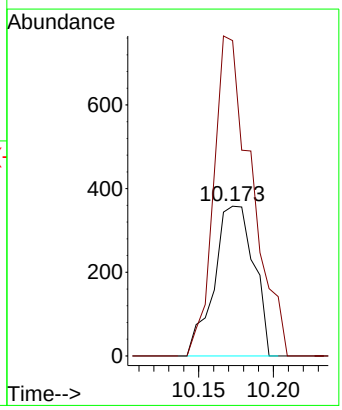


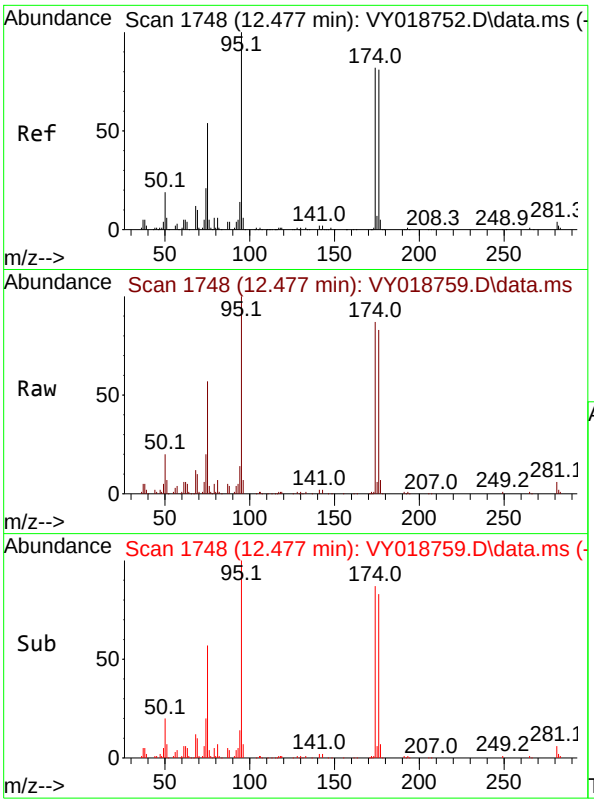


#51
4-Methyl-2-Pentanone
Concen: 1.354 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.110 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Tgt Ion: 43 Resp: 661

Ion	Ratio	Lower	Upper
43	100		
58	203.5	35.7	53.5#



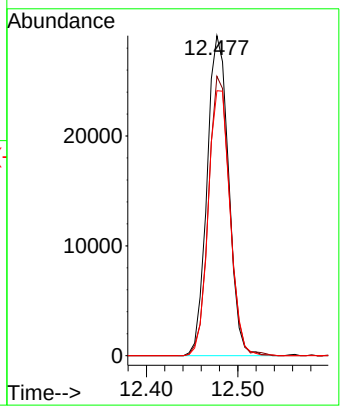


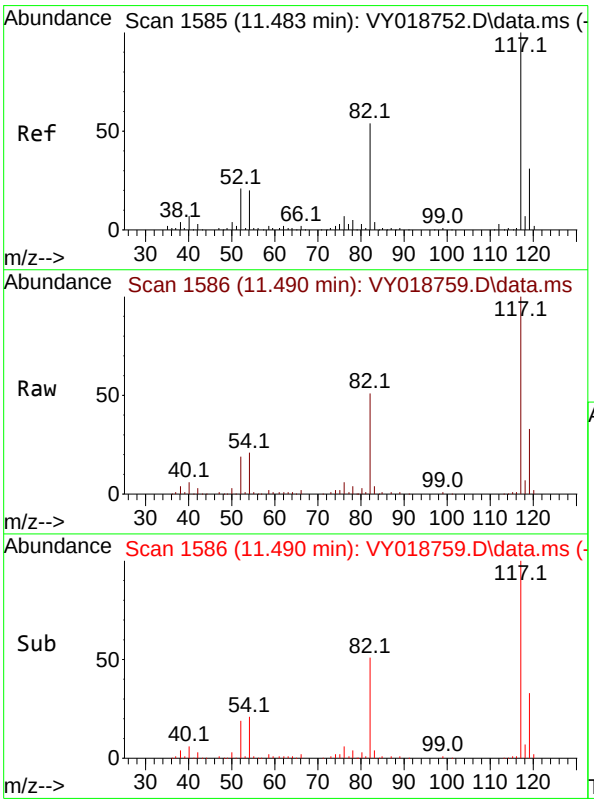
#62
4-Bromofluorobenzene
Concen: 44.014 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 47699

Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	175.6
176	83.8	0.0	171.4

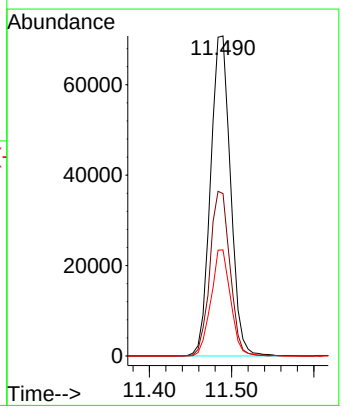


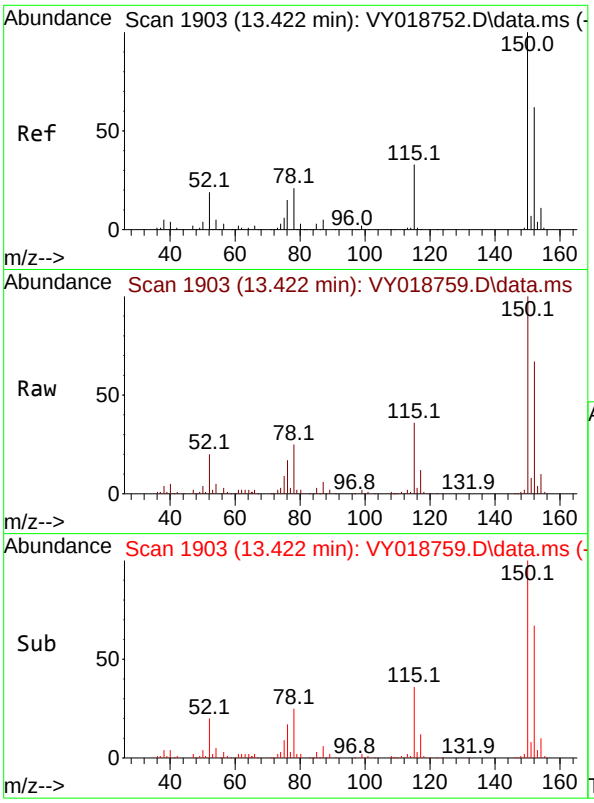


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Tgt Ion:117 Resp: 119766

Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.4	63.6
119	33.2	25.9	38.9



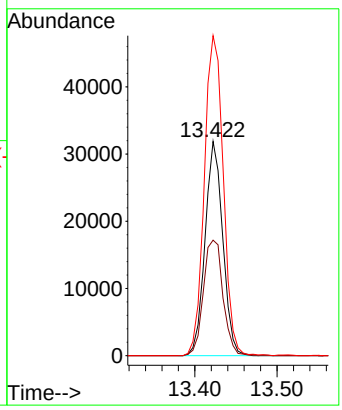


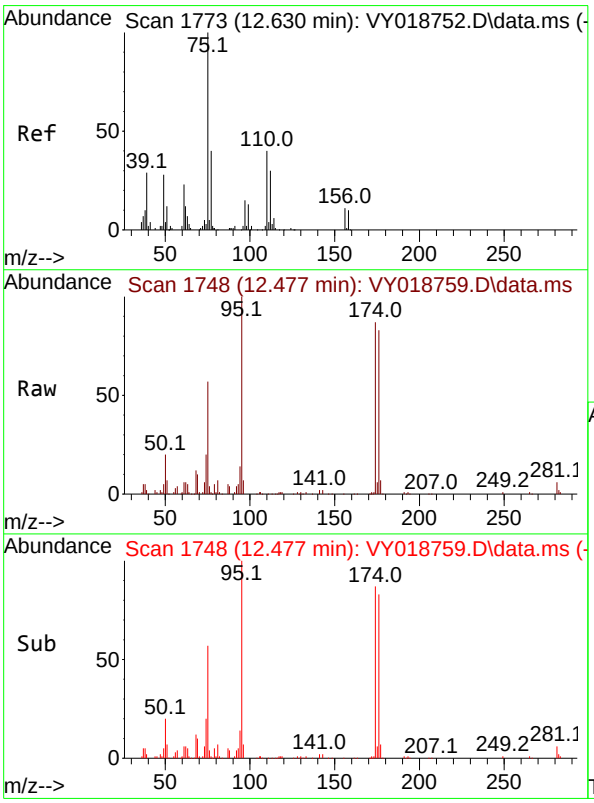
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 47782

Ion	Ratio	Lower	Upper
152	100		
115	59.5	28.2	84.7
150	159.5	0.0	345.6

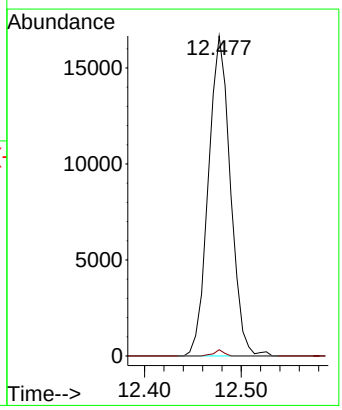


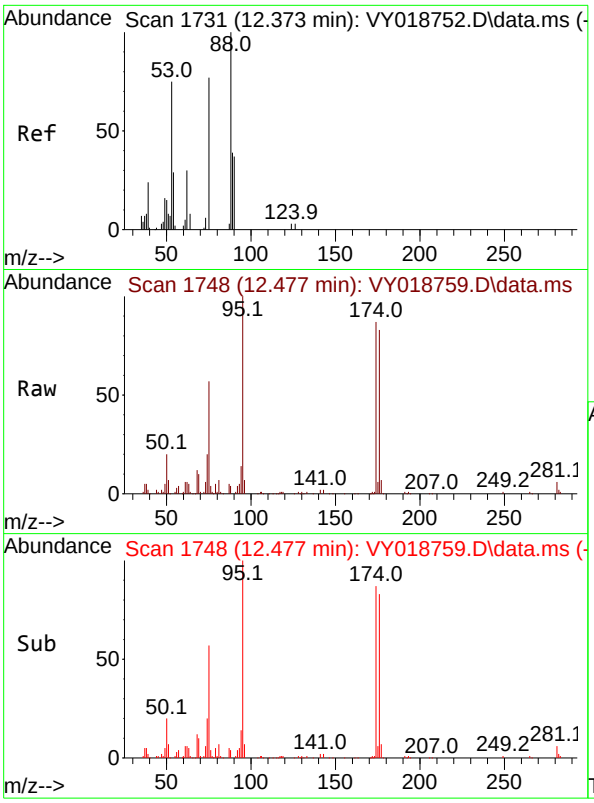


#76
1,2,3-Trichloropropane
Concen: 70.453 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Tgt Ion: 75 Resp: 26366

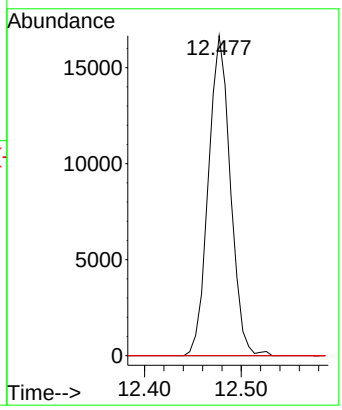
Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 157.677 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY018759.D
Acq: 10 Jul 2024 11:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 26366

Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#